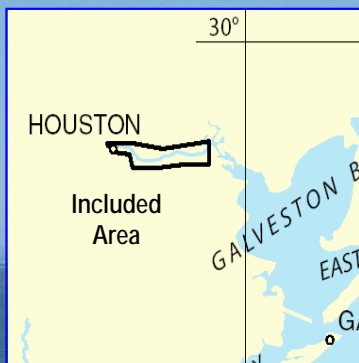


BookletChart™

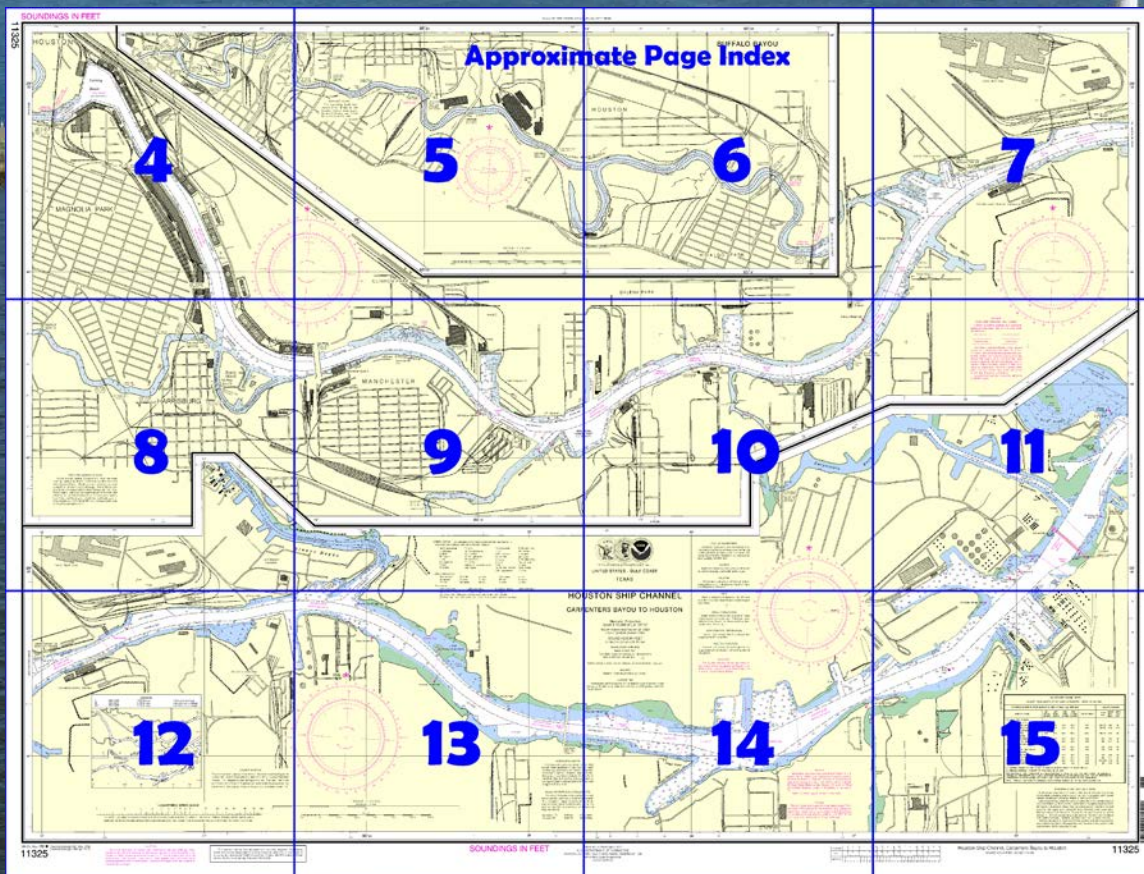


Houston Ship Channel Carpenters Bayou to Houston **NOAA Chart 11325**

A reduced-scale NOAA nautical chart for small boaters
When possible, use the full-size NOAA chart for navigation.



- Complete, reduced-scale nautical chart
- Print at home for free
- Convenient size
- Up-to-date with Notices to Mariners
- Compiled by NOAA's Office of Coast Survey, the nation's chartmaker



Published by the
National Oceanic and Atmospheric Administration
National Ocean Service
Office of Coast Survey
www.NauticalCharts.NOAA.gov
888-990-NOAA

What are Nautical Charts?

Nautical charts are a fundamental tool of marine navigation. They show water depths, obstructions, buoys, other aids to navigation, and much more. The information is shown in a way that promotes safe and efficient navigation. Chart carriage is mandatory on the commercial ships that carry America's commerce. They are also used on every Navy and Coast Guard ship, fishing and passenger vessels, and are widely carried by recreational boaters.

What is a BookletChart™?

This BookletChart is made to help recreational boaters locate themselves on the water. It has been reduced in scale for convenience, but otherwise contains all the information of the full-scale nautical chart. The bar scales have also been reduced, and are accurate when used to measure distances in this BookletChart. See the Note at the bottom of page 5 for the reduction in scale applied to this chart.

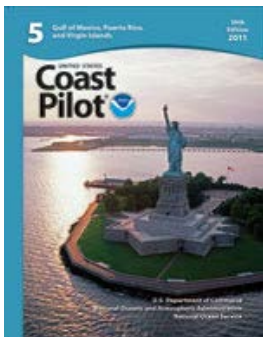
Whenever possible, use the official, full scale NOAA nautical chart for navigation. Nautical chart sales agents are listed on the Internet at <http://www.NauticalCharts.NOAA.gov>.

This BookletChart does NOT fulfill chart carriage requirements for regulated commercial vessels under Titles 33 and 44 of the Code of Federal Regulations.

Notice to Mariners Correction Status

This BookletChart has been updated for chart corrections published in the U.S. Coast Guard Local Notice to Mariners, the National Geospatial Intelligence Agency Weekly Notice to Mariners, and, where applicable, the Canadian Coast Guard Notice to Mariners. Additional chart corrections have been made by NOAA in advance of their publication in a Notice to Mariners. The last Notices to Mariners applied to this chart are listed in the Note at the bottom of page 7. Coast Pilot excerpts are not being corrected.

For latest Coast Pilot excerpt visit the Office of Coast Survey website at <http://www.nauticalcharts.noaa.gov/nsd/searchbychart.php?chart=11325>



[Selected Excerpts from Coast Pilot]
Houston Ship Channel extends from Galveston Harbor across Galveston Bay and through parts of San Jacinto River and Buffalo Bayou to the city of Houston, a distance of 44 miles. The entrance to the channel is at the NW end of Bolivar Roads, between Port Bolivar and Texas City channels. The entrance is marked by a **318°** lighted range and by a lighted bell buoy on the NE side of the channel. The channel through the bay is marked by

lights, lighted ranges, buoys, daybeacons, and a leading light at Baytown Bend.

N of Bolivar Peninsula, spoil banks on both sides of the channel extend N to **Red Fish Bar**. About 1.5 miles below Red Fish Bar, a narrow channel marked at the entrance by Daybeacon 1, exits Houston Ship Channel to the W, leading to Dickinson Bayou. In 1985, the controlling depth through the spoil bank was 6 feet. In 2009, it was reported that Dickson Channel Daybeacon 1 was not visible. Along the NE side of Houston Ship Channel N of Red Fish Bar, there are several dredged openings through the spoil bank permit passage into the NE part **Upper Galveston Bay**; see that chart for depths.

An oil-loading terminal is at **Mile 333.2W** on the SE side of the waterway. The waterway continues SW to Port Bolivar and Galveston Bay. Basins along this part of the waterway have several marinas where berths, gasoline, diesel fuel, water, ice, launching ramps, and marine supplies can be obtained. A marina at **Mile 342.9W**, on the SE side of the waterway can accommodate craft drawing up to 5 feet, and has facilities for handling craft up to 55 feet for hull and engine repairs. A channel leading from Galveston Bay through **Sievers Cove** to the waterway, about **Mile 343.2W**, is marked on both sides by piles.

The waterway leaves the Bolivar cut and enters **Galveston Bay** at **Mile 349.3W**. The direct route bypasses Galveston and proceeds SW through the lower part of the bay. **Houston Ship Channel** is crossed at **Mile 350.2W**. The Coast Guard has requested vessels transiting the waterway make a **SECURITE** call on VHF-FM channel 13 prior to crossing Houston Ship Channel, particularly during periods of restricted visibility. Vessel Traffic Service Houston-Galveston recommends west bound tows avoid meeting east bound tows between Bolivar Peninsula Buoy 15 and Buoy 20 due to strong currents and shoaling at the entrance to Bolivar. The port of **Houston** is 43 miles to the NW. The channel to Texas City is crossed at **Mile 350.8W**; the port is 5 miles to the WNW.

There is a dry storage marina on the end of the Texas City Dike, about 0.6 mile NW of the junction with Texas City Channel. Gasoline, diesel fuel, water, ice, and marine supplies are available. A depth of 6 feet was reported alongside the fuel dock and in the approach channel in August 1982.

The Coast Guard advises vessels exercise particular caution where the channel intersects the Intracoastal Waterway, about 6.6 miles above the entrance jetties and just below Lighted Buoys 25 and 26. Situations resulting in collisions, groundings, and close quarters passing have been reported by both shallow and deep draft vessels. The Coast Guard has requested vessels make a **SECURITE** call on VHF FM channel 13 prior to crossing the Intracoastal Waterway, particularly during periods of restricted visibility.

Coast Guard.—A Sector Office is in Houston. (See Appendix A for address.) Houston Coast Guard Air Station is at Ellington Air Force Base. Harbor regulations.—The Port of Houston is managed, governed, and controlled by the Port of Houston Authority. The regulations are enforced by the Director of the Port whose offices are in the Port Authority Building at 1519 Capital Avenue; telephone (713-225-0671). (See 162.75 (b)(4), chapter 2, for speed limit in the harbor.) Smoking is prohibited on any wharf except in designated smoking areas and is also prohibited on the open decks or in the hatches of any vessel in the harbor. These regulations are strictly enforced.

U.S. Coast Guard Rescue Coordination Center
24 hour Regional Contact for Emergencies

RCC New Orleans Commander
8th CG District (504) 589-6225
New Orleans, LA

Navigation Managers Area of Responsibility



NOAA's navigation managers serve as ambassadors to the maritime community.

They help identify navigational challenges facing professional and recreational mariners, and provide NOAA resources and information for safe navigation. For additional information, please visit nauticalcharts.noaa.gov/service/navmanagers

To make suggestions or ask questions online, go to nauticalcharts.noaa.gov/inquiry.

To report a chart discrepancy, please use ocsdata.ncd.noaa.gov/idrs/discrepancy.aspx.

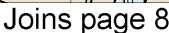
Lateral System As Seen Entering From Seaward

on navigable waters except Western Rivers



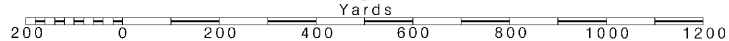
For more information on aids to navigation, including those on Western Rivers, please consult the latest USCG Light List for your area.

These volumes are available online at <http://www.navcen.uscg.gov>

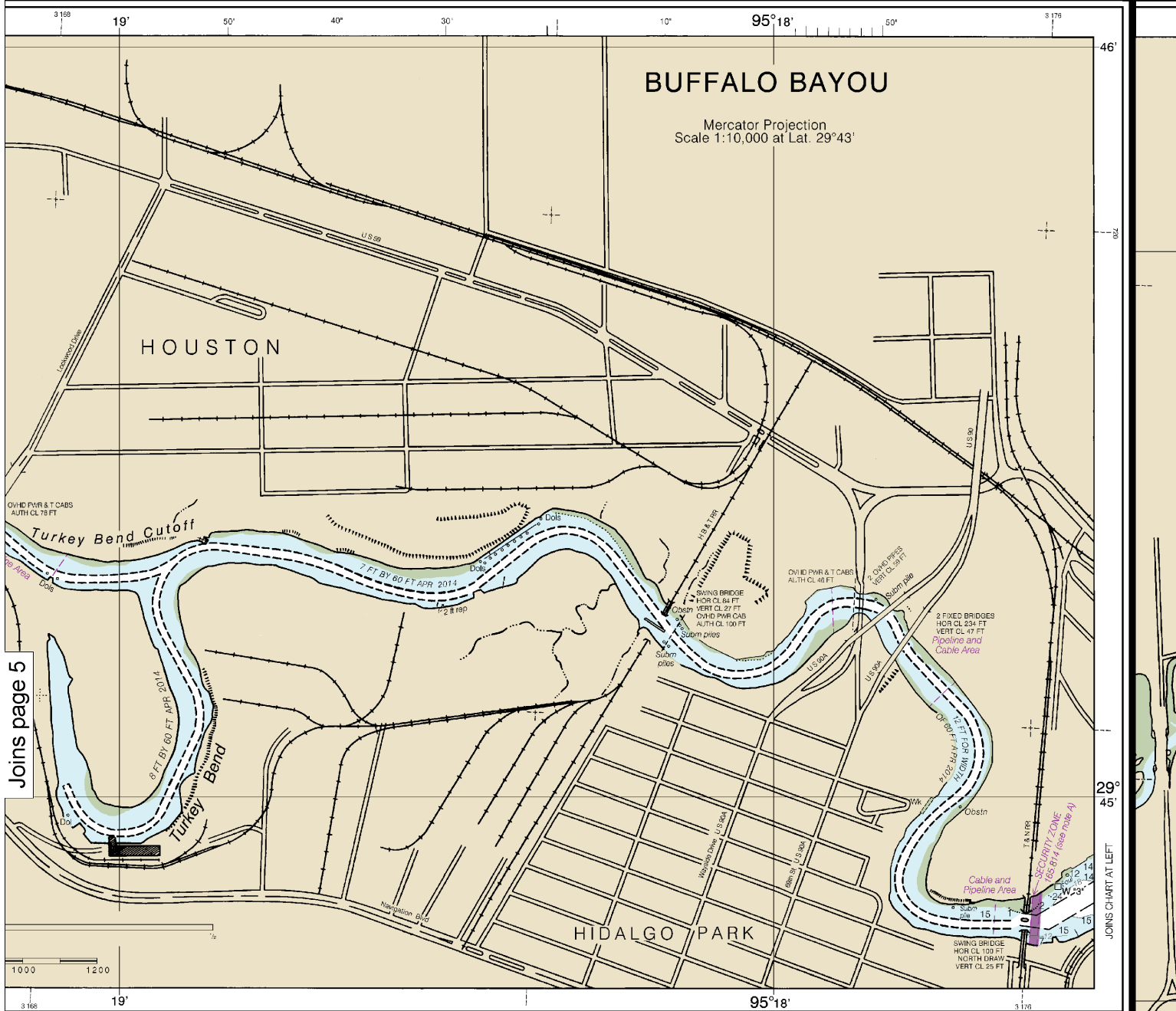


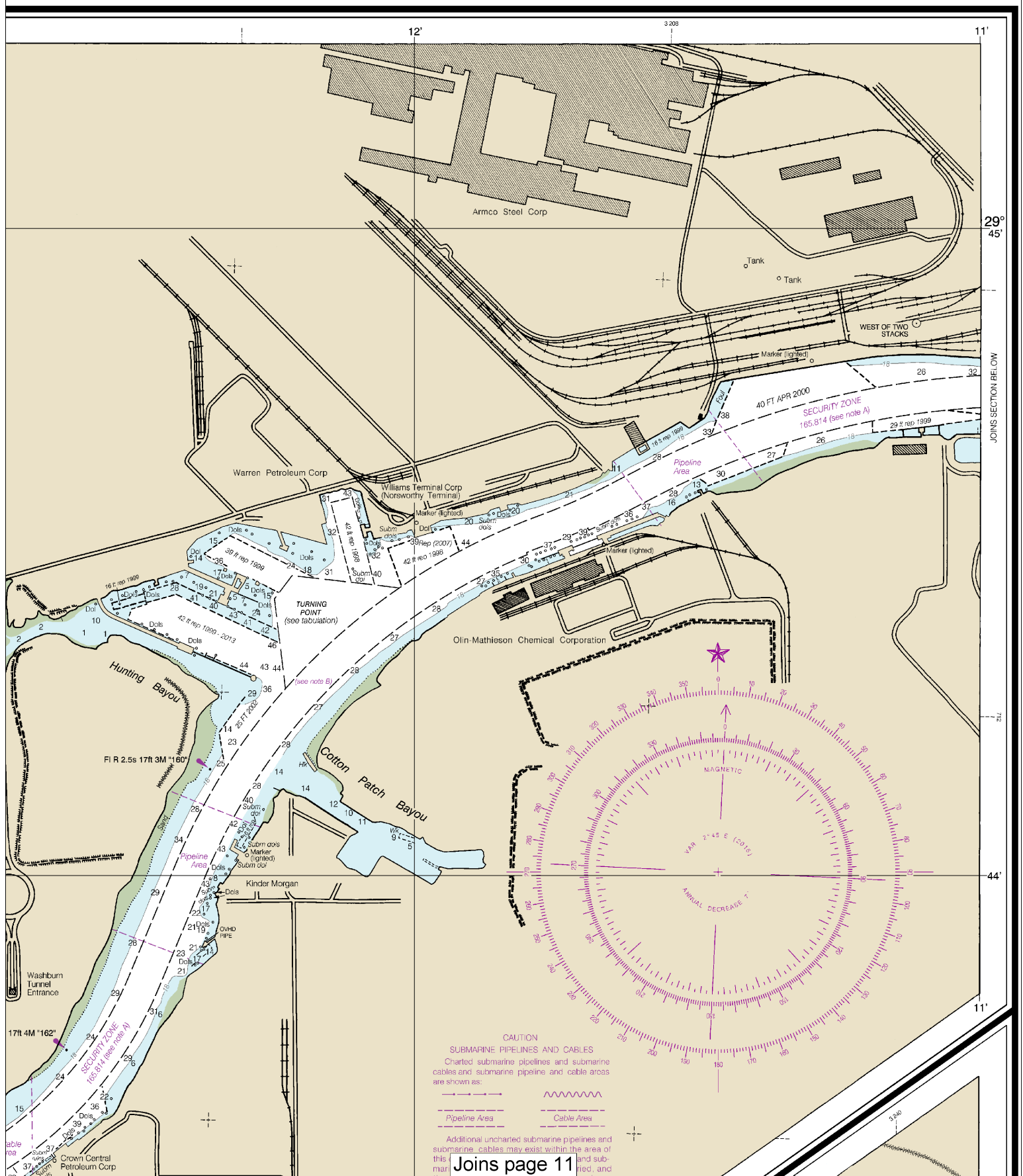
Printed at reduced scale.

See Note on page 5.



This BookletChart was reduced to 70% of the original chart scale. The new scale is 1:14285. Barscales have also been reduced and are accurate when used to measure distances in this BookletChart.





Joins page 4

44°

50°

40°

30°

20°

10°

43°

50°

17'

3 180

Joins page 12

29°

45°

12'

3 206

KAPP 84

Armco Steel Corp

Tank

Tank

WEST OF TWO STACKS

Marker (lighted)

Todd Shipyard Corporation

27 ft rep 1995

18

31

26

32

22

27

28

25

24

23

22

21

20

19

18

17

16

15

14

13

12

11

10

9

8

7

6

5

4

3

2

1

0

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

26

27

28

29

30

31

32

33

34

35

36

37

38

39

40

41

42

43

44

45

46

47

48

49

50

51

52

53

54

55

56

57

58

59

60

61

62

63

64

65

66

67

68

69

70

71

72

73

74

75

76

77

78

79

80

81

82

83

84

85

86

87

88

89

90

91

92

93

94

95

96

97

98

99

100

101

102

103

104

105

106

107

108

109

110

111

112

113

114

115

116

117

118

119

120

121

122

123

124

125

126

127

128

129

130

131

132

133

134

135

136

137

138

139

140

141

142

143

144

145

146

147

148

149

150

151

152

153

154

155

156

157

158

159

160

161

162

163

164

165

166

167

168

169

170

171

172

173

174

175

176

177

178

179

180

181

182

183

184

185

186

187

188

189

190

191

192

193

194

195

196

197

198

199

200

201

202

203

204

205

206

207

208

209

210

211

212

213

214

215

216

217

218

219

220

221

222

223

224

225

226

227

228

229

230

231

232

233

234

235

236

237

238

239

240

241

242

243

244

245

246

247

248

249

250

251

252

253

254

255

256

257

258

259

260

261

262

263

264

265

266

267

268

269

270

271

272

273

274

275

276

277

278

279

280

281

282

283

284

285

286

287

288

289

290

291

292

293

294

295

296

297

298

299

300

301

302

303

304

305

306

307

308

309

310

311

312

313

314

315

316

317

318

319

320

321

322

323

324

325

326

327

328

329

330

331

332

333

334

335

336

337

338

339

340

341

342

343

344

345

346

347

348

349

350

351

352

353

354

355

356

357

358

359

360

361

362

363

364

365

366

367

368

369

370

371

372

373

374

375

376

377

378

379

380

381

382

383

384

385

386

387

388

389

390

391

392

393

394

395

8

Note: Chart grid lines are aligned with true north.

Printed at reduced scale. — SCALE 1:10,000 — See Note on page 5.

Nautical Miles

0

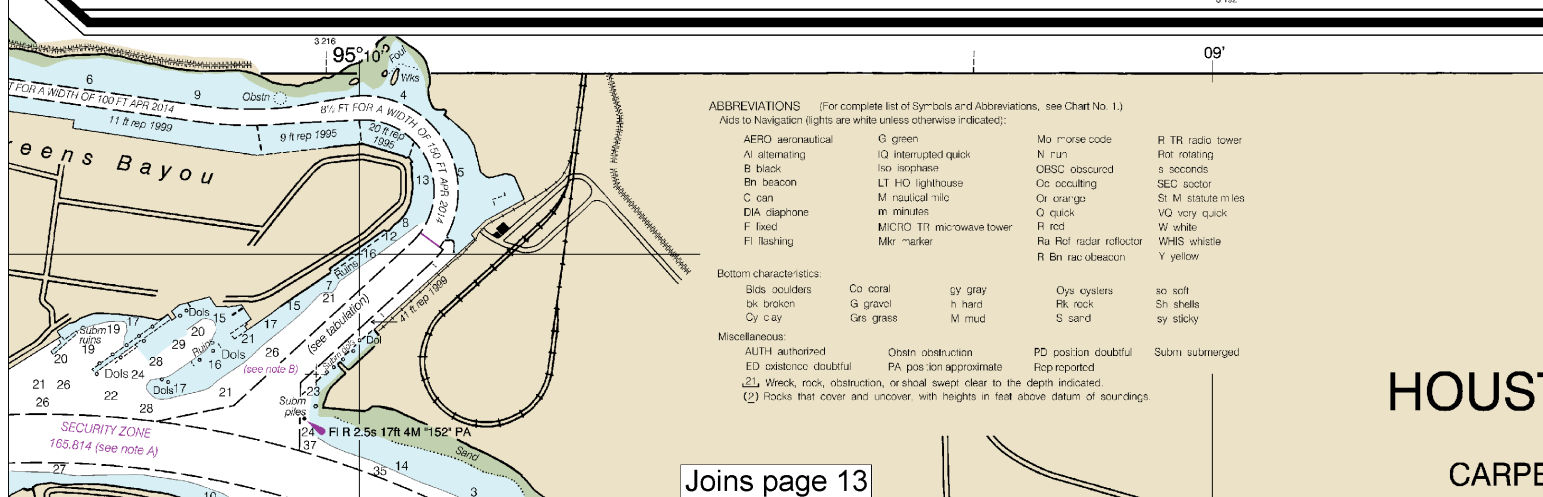
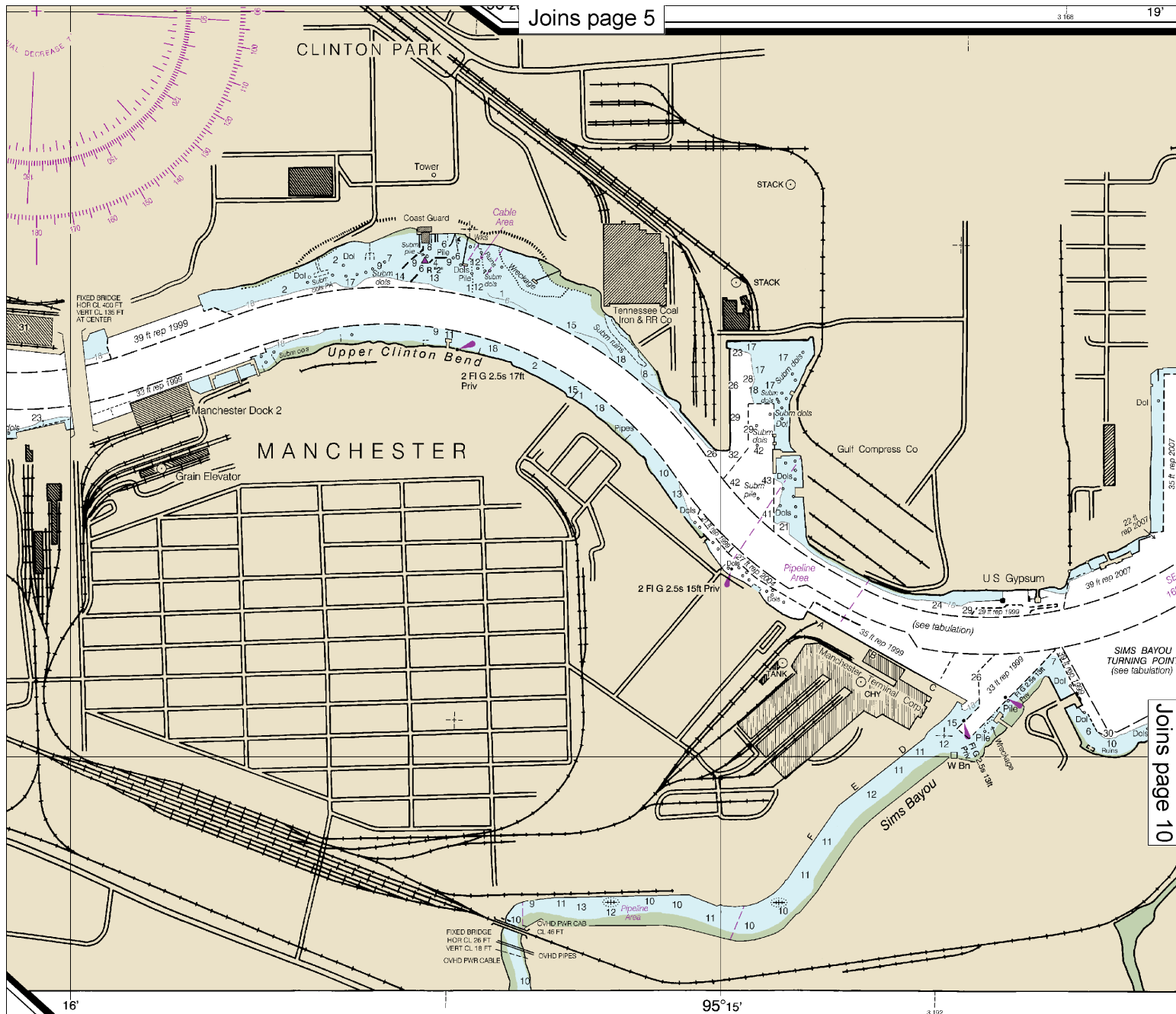
Yards

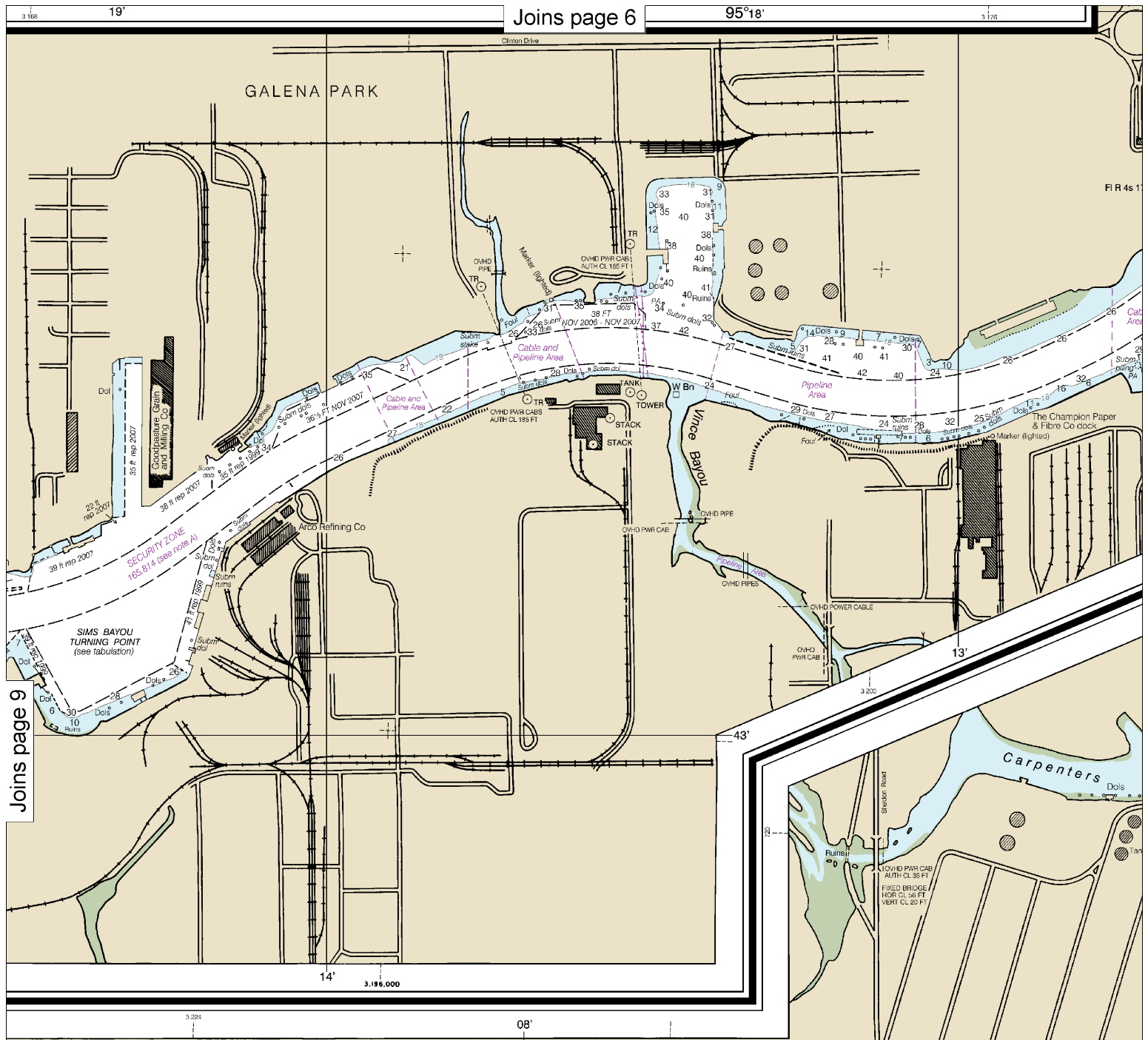
200 0 200 400 600 800 1000 1200

SCALE 1:10,000
Nautical Miles

Nautical Miles

Yards





Joins page 9

Joins page 6

Joins page 14



THE NATION'S CHARTMAKER SINCE 1807

UNITED STATES
TEXAS - GULF COAST

HOUSTON SHIP CHANNEL

CARPENTERS BAYOU TO HOUSTON

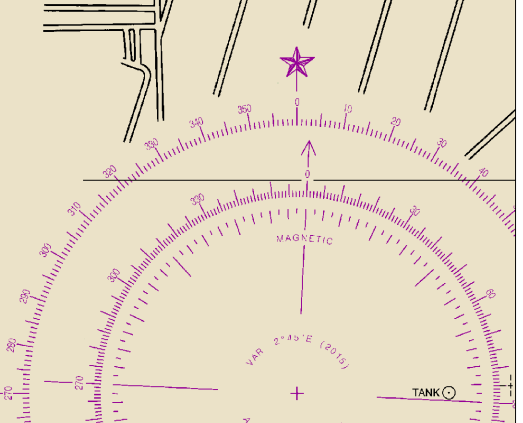
POLLUTION REPORTS
Report all spills of oil and hazardous substances to the National Response Center via 1-800-424-8802 (toll free), or to the nearest U.S. Coast Guard facility if telephone communication is impossible (33 CFR 153).

CAUTION
Improved channels shown by broken lines are subject to shoaling, particularly at the edges.

CAUTION
Temporary changes or defects in aids to navigation are not indicated on this chart. See Local Notice to Mariners.

TIDES
There is practically no periodic tide. The rise and fall of the water depends upon meteorological conditions.

REFLECTORS
Reflectors have been placed on many



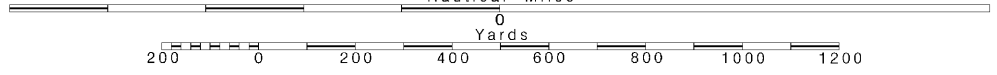
10

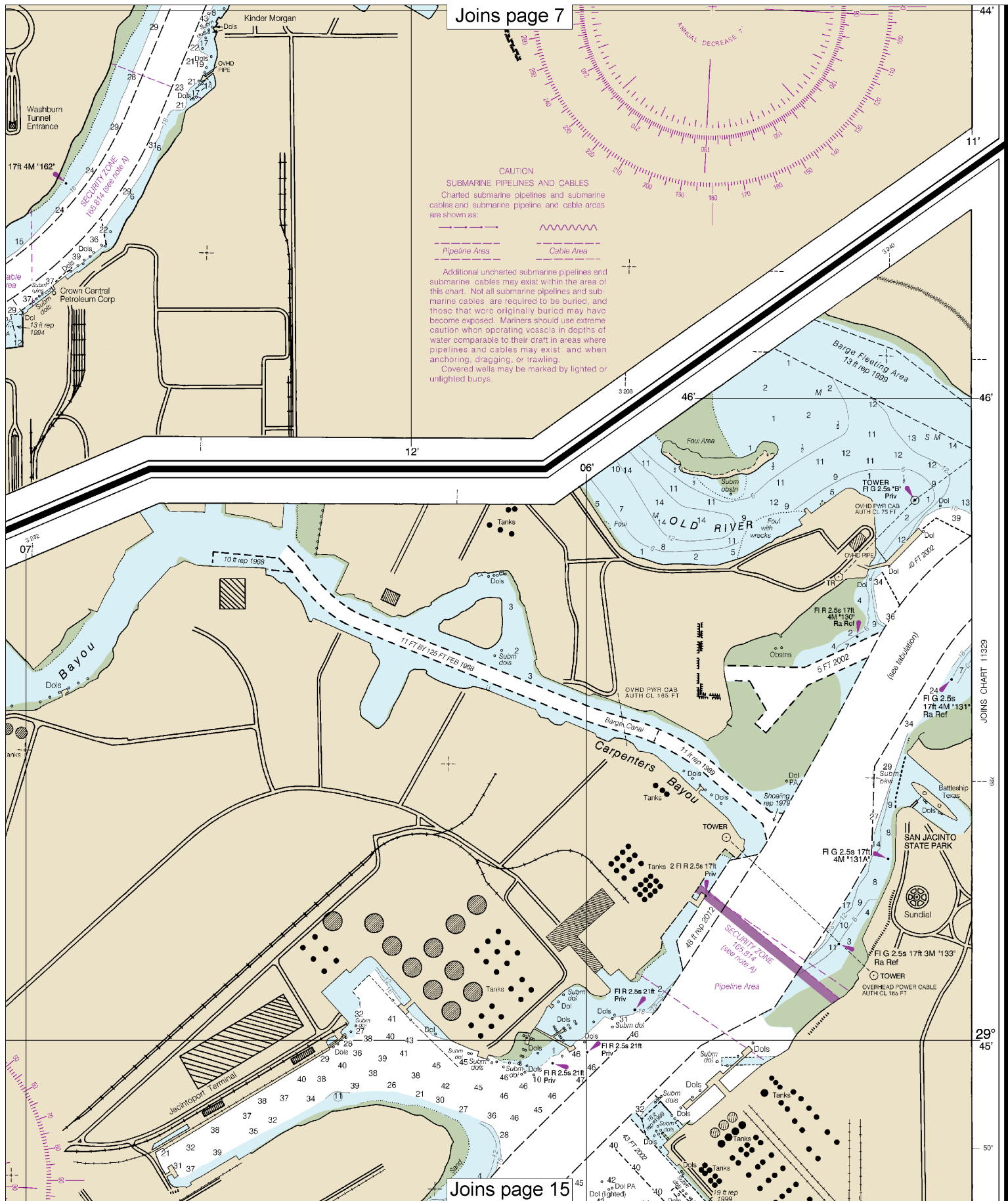
Note: Chart grid lines are aligned with true north.

Printed at reduced scale.

SCALE 1:10,000

See Note on page 5.

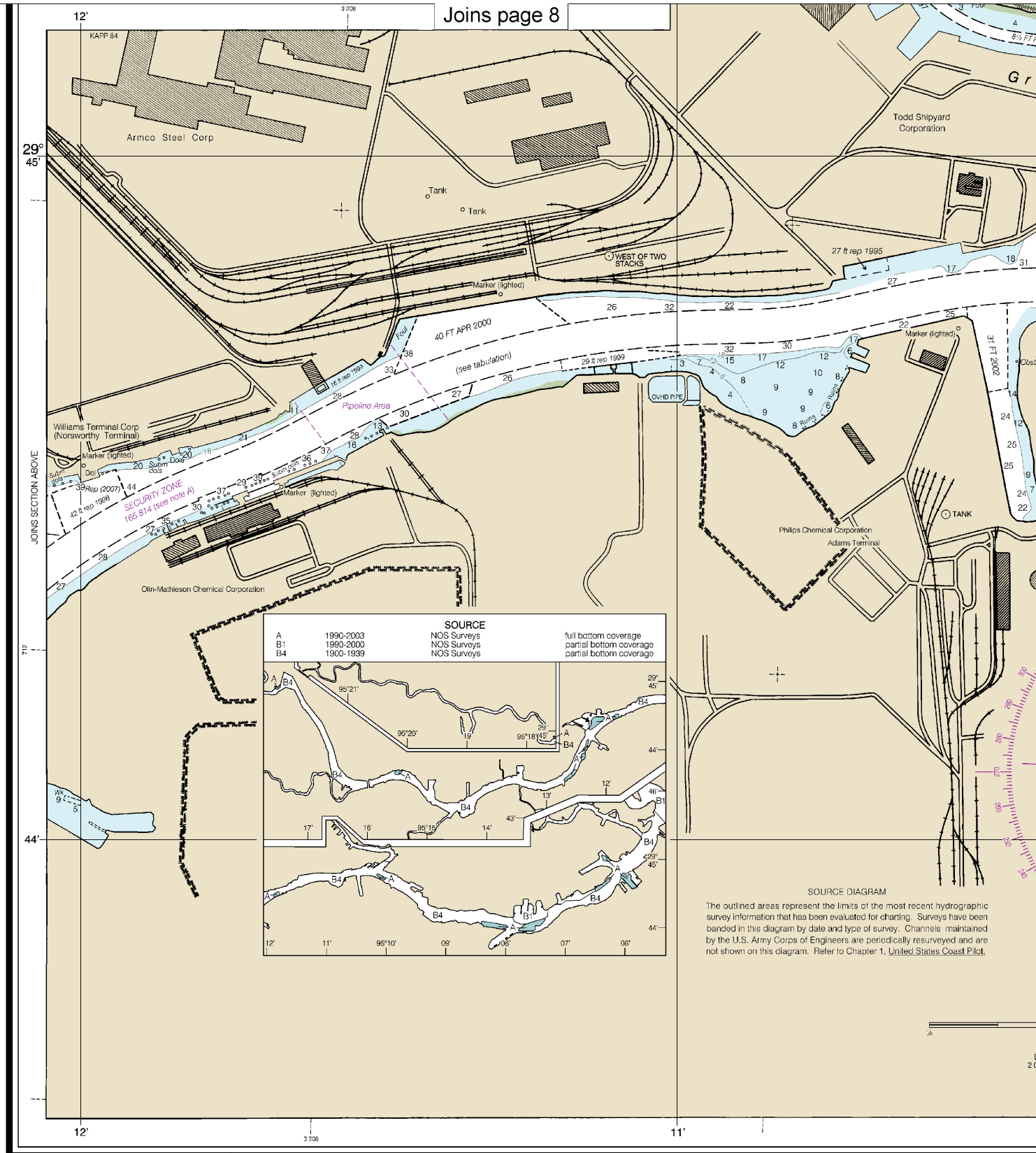




Joins page 7

Joins page 15

JOINS CHART 11329



41st Ed., Aug. 2015

11325

Last Correction: 5/10/2016. Cleared through:
LNM: 4516 (11/8/2016), NM: 4416 (10/29/2016)

CAUTION

This chart has been corrected from the Notice to Mariners (NM) published weekly by the National Geospatial-Intelligence Agency and the Local Notice to Mariners (LNM) issued periodically by each U.S. Coast Guard district to the dates shown in the lower left hand corner. Chart updates corrected from Notice to Mariners published after the dates shown in the lower left hand corner are available at nauticalcharts.noaa.gov.

NOAA encourages users to submit inquiries about this chart at <http://www.nauticalcharts.noaa.gov>.

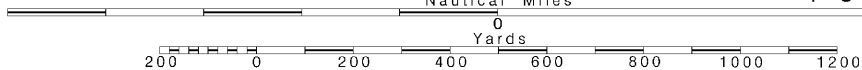
12

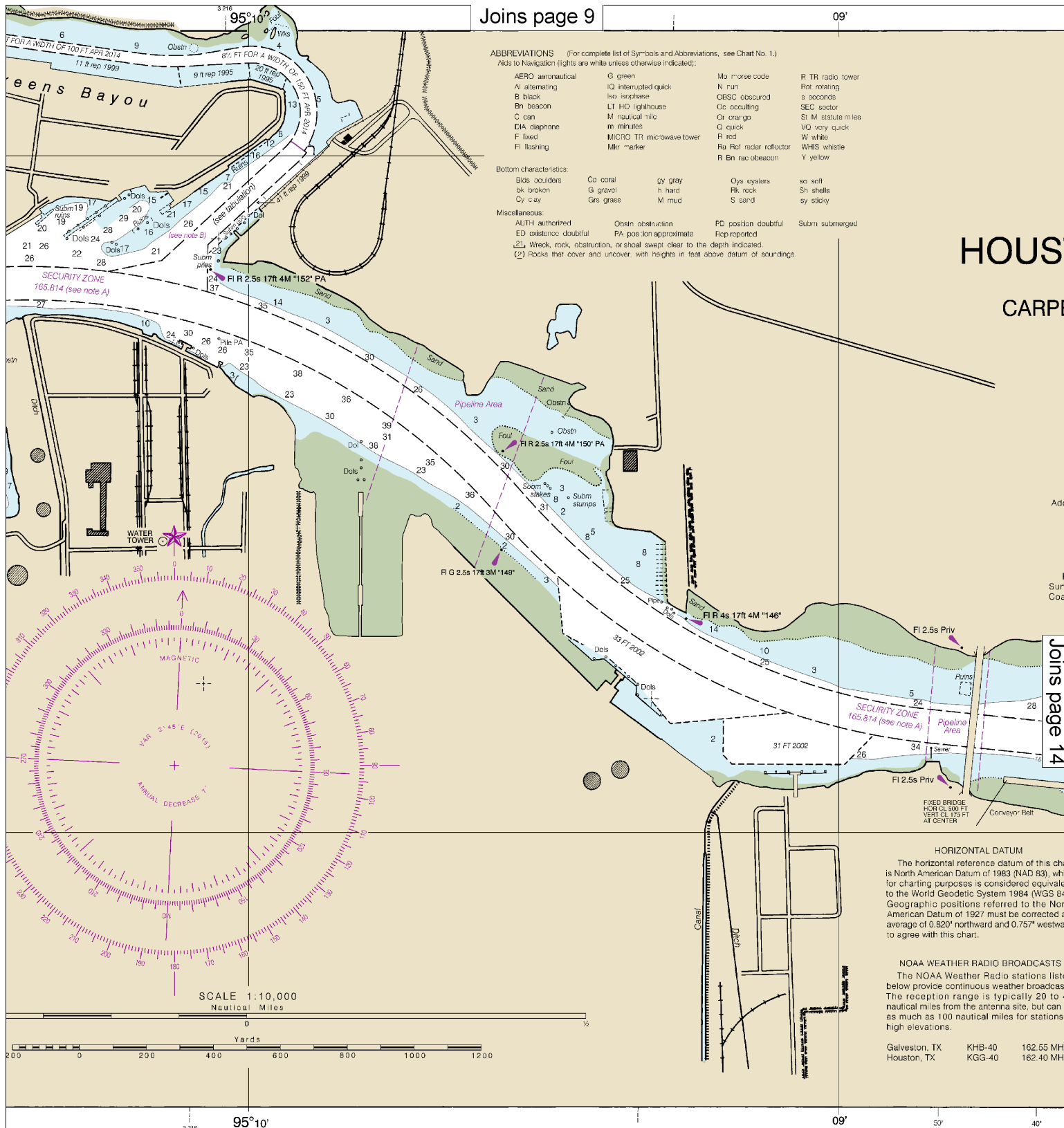
Note: Chart grid lines are aligned with true north.

Printed at reduced scale.

SCALE 1:10,000

See Note on page 5.





HOUST
CARPE

Joins page 14

inquiries, discrepancies or comments:
info.noaa.gov/staff/contact.html

SOUNDINGS IN FEET

Publisher
U.S. DEPARTMENT OF
NATIONAL OCEANIC AND
ATMOSPHERIC ADMINISTRATION

13



THE NATION'S CHARTMAKER SINCE 1807

UNITED STATES

TEXAS - GULF COAST

HOUSTON SHIP CHANNEL

CARPENTERS BAYOU TO HOUSTON

Mercator Projection
Scale 1:10,000 at Lat. 29°43'

North American Datum of 1983
(World Geodetic System 1984)

SOUNDINGS IN FEET
AT MEAN LOWER LOW WATER

PLANE COORDINATE GRID

(based on NAD 1927)

Texas State, South Central Zone, is indicated on this
chart at 4000 foot intervals thus: +--

Additional information can be obtained at nauticalcharts.noaa.gov.

HEIGHTS

Heights in feet above Mean High Water.

AUTHORITIES

Hydrography and topography by the National Ocean Service, Coast
Survey, with additional data from the Corps of Engineers, and U.S.
Coast Guard.

POLLUTION REPORTS

Report all spills of oil and hazardous substances to the National Response Center via 1-800-424-8802 (toll free), or to the nearest U.S. Coast Guard facility if telephone communication is impossible (33 CFR 153).

CAUTION

Improved channels shown by broken lines are subject to shoaling, particularly at the edges.

CAUTION

Temporary changes or defects in aids to navigation are not indicated on this chart. See Local Notice to Mariners.

TIDES

There is practically no periodic tide. The rise and fall of the water depends upon meteorological conditions.

RADAR REFLECTORS

Radar reflectors have been placed on many floating aids to navigation. Individual radar reflector identification on these aids has been omitted from this chart.

SUPPLEMENTAL INFORMATION

Consult U.S. Coast Pilot 5 for important supplemental information.

AIDS TO NAVIGATION

Consult U.S. Coast Guard Light List for supplemental information concerning aids to navigation.

WARNING

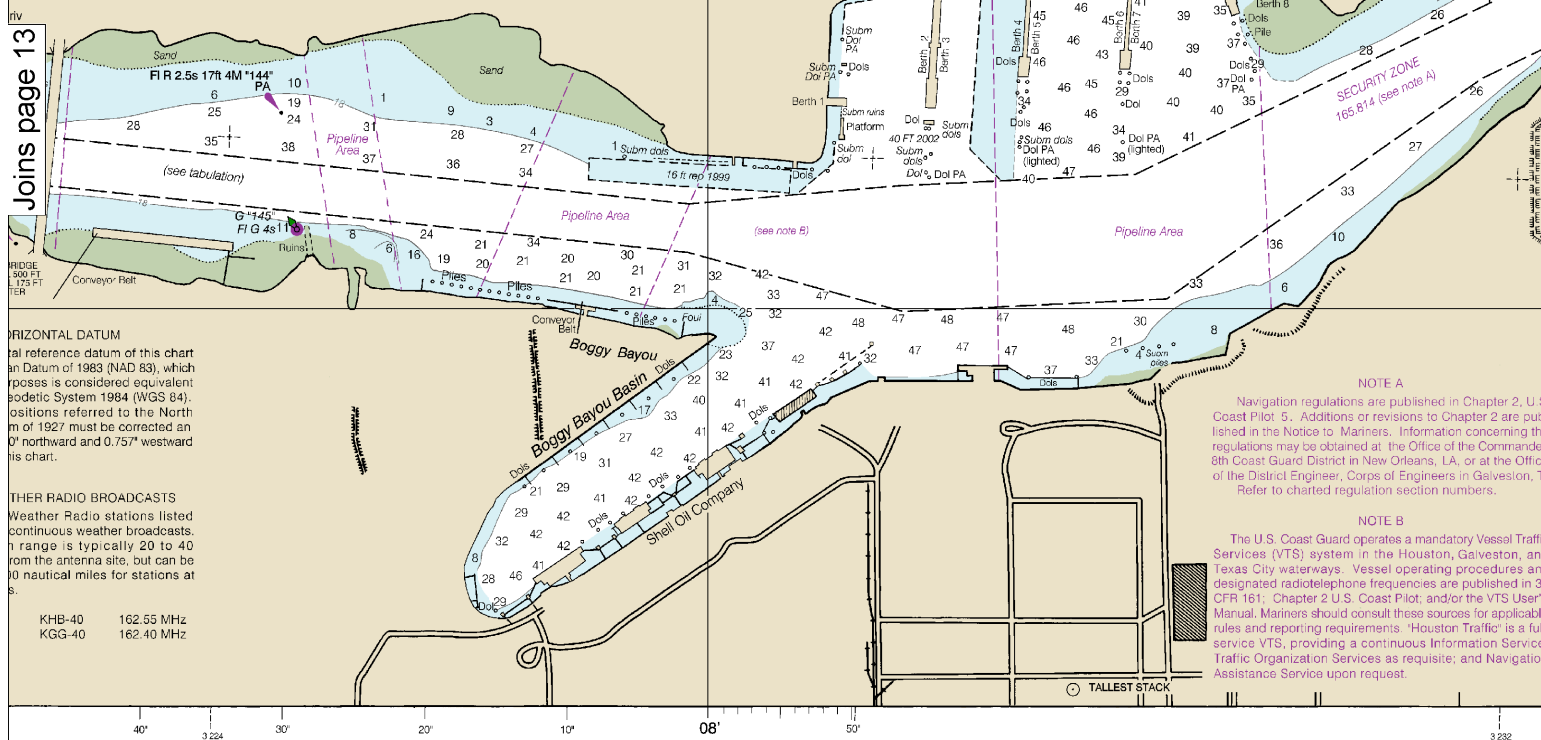
The prudent mariner will not rely solely on any single aid to navigation, particularly on floating aids. See U.S. Coast Guard Light List and U.S. Coast Pilot for details.

Joins page 13

HORIZONTAL DATUM
The reference datum of this chart is the North American Datum of 1983 (NAD 83), which supersedes the older datum of 1927 (WGS 84). Positions referred to the North American Datum of 1927 must be corrected an 0' northward and 0.757" westward from this chart.

OTHER RADIO BROADCASTS
Weather Radio stations listed on this chart broadcast continuous weather forecasts. The range is typically 20 to 40 nautical miles from the antenna site, but can be 100 nautical miles for stations at 162.55 MHz and 162.40 MHz.

KHB-40 162.55 MHz
KGG-40 162.40 MHz



NOTE A

Navigation regulations are published in Chapter 2, U.S. Coast Pilot 5. Additions or revisions to Chapter 2 are published in the Notice to Mariners. Information concerning regulations may be obtained at the Office of the Commandant, 8th Coast Guard District in New Orleans, LA, or at the Office of the District Engineer, Corps of Engineers in Galveston, TX. Refer to charted regulation section numbers.

NOTE B

The U.S. Coast Guard operates a mandatory Vessel Traffic Services (VTS) system in the Houston, Galveston, and Texas City waterways. Vessel operating procedures and designated radiotelephone frequencies are published in 33 CFR 161, Chapter 2 U.S. Coast Pilot, and/or the VTS User Manual. Mariners should consult these sources for applicable rules and reporting requirements. 'Houston Traffic' is a full service VTS, providing a continuous Information Service, Traffic Organization Services as requisite, and Navigator Assistance Service upon request.

Published at Washington, D.C.
U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SERVICE
COAST SURVEY

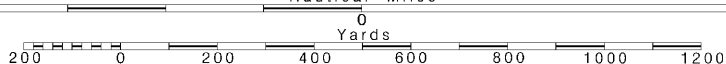
FATHOMS	1
FEET	6
METERS	1.2

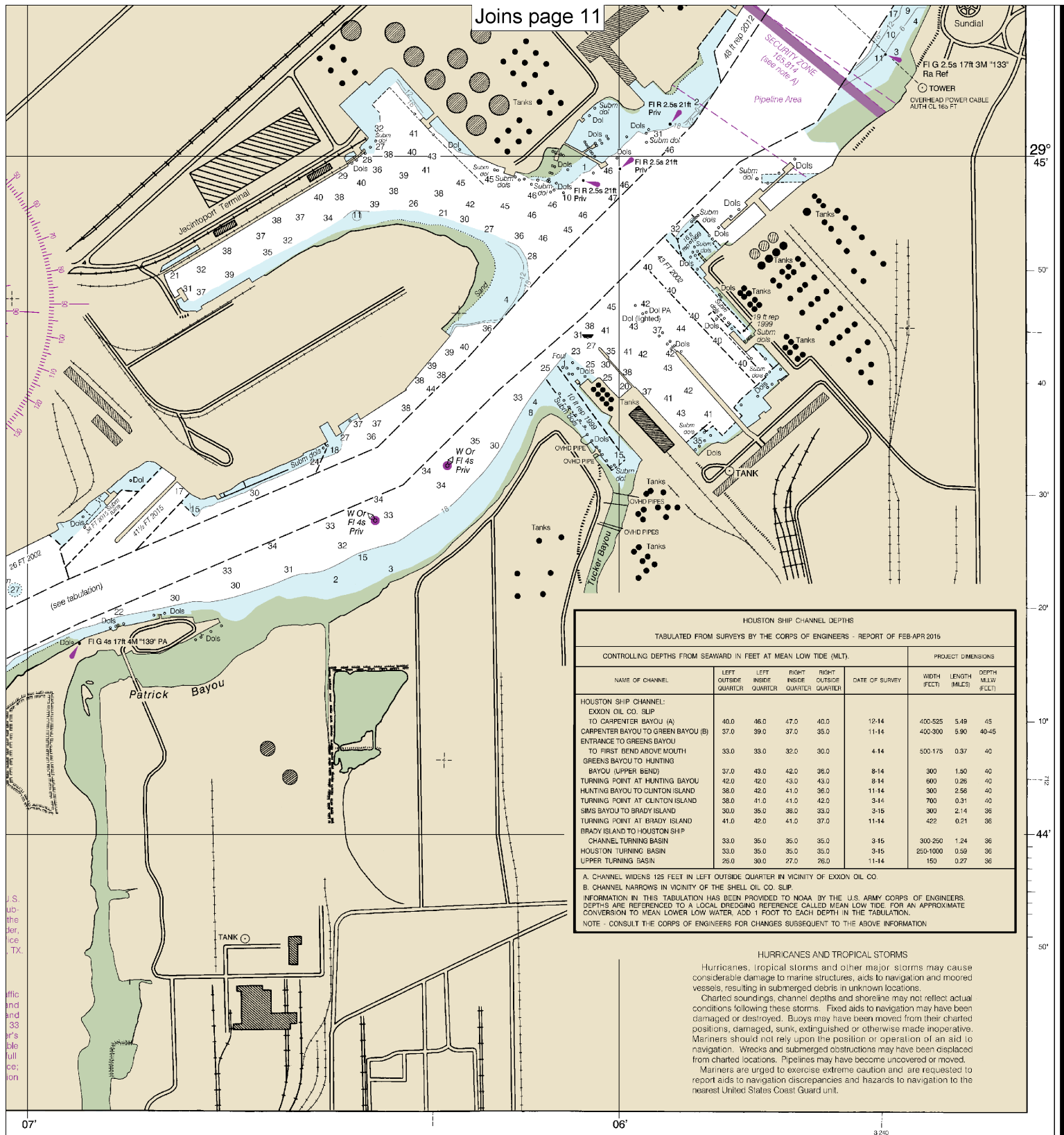
14

Note: Chart grid
lines are aligned
with true north.

Printed at reduced scale. SCALE 1:10,000

See Note on page 5.





HOUSTON SHIP CHANNEL DEPTHS							
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF FEB-APR 2016							
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOW TIDE (MLT).					PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	DEPTH (FEET)
HOUSTON SHIP CHANNEL: EXXON OIL CO. SUP TO CARPENTER BAYOU (A)	40.0	46.0	47.0	40.0	12-14	400-525	5.49 45
CARPENTER BAYOU TO GREEN BAYOU (B)	37.0	39.0	37.0	35.0	11-14	400-300	5.90 40-45
ENTRANCE TO GREENS BAYOU TO FIRST BEND ABOVE MOUTH GREENS BAYOU TO HUNTING BAYOU (UPPER BEND)	33.0	33.0	32.0	30.0	4-14	500-175	0.37 40
TURNING POINT AT HUNTING BAYOU	37.0	43.0	42.0	36.0	8-14	300	1.50 40
HUNTING BAYOU TO CLINTON ISLAND	36.0	42.0	41.0	36.0	11-14	300	2.56 40
TURNING POINT AT CLINTON ISLAND	38.0	41.0	41.0	42.0	3-14	700	0.31 40
SIMS BAYOU TO BRADY ISLAND	30.0	35.0	36.0	33.0	3-15	300	2.14 36
TURNING POINT AT BRADY ISLAND	41.0	42.0	41.0	37.0	11-14	422	0.21 36
BRADY ISLAND TO HOUSTON SHIP CHANNEL TURNING BASIN	33.0	35.0	35.0	35.0	3-15	300-250	1.24 36
HOUSTON TURNING BASIN	33.0	35.0	35.0	35.0	3-15	250-1000	0.59 36
UPPER TURNING BASIN	26.0	30.0	27.0	26.0	11-14	150	0.27 36

A. CHANNEL WIDENS 125 FEET IN LEFT OUTSIDE QUARTER IN VICINITY OF EXXON OIL CO.
B. CHANNEL NARROWS IN VICINITY OF THE SHELL OIL CO. SUP.
INFORMATION IN THIS TABULATION HAS BEEN PROVIDED TO NOAA BY THE U.S. ARMY CORPS OF ENGINEERS.
DEPTHS ARE REFERENCED TO A LOCAL DREDGING REFERENCE CALLED MEAN LOW TIDE. FOR AN APPROXIMATE
CONVERSION TO MEAN LOWER LOW WATER, ADD 1 FOOT TO EACH DEPTH IN THE TABULATION.
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

HURRICANES AND TROPICAL STORMS
Hurricanes, tropical storms and other major storms may cause considerable damage to marine structures, aids to navigation and moored vessels, resulting in submerged debris in unknown locations.
Charted soundings, channel depths and shoreline may not reflect actual conditions following these storms. Fixed aids to navigation may have been damaged or destroyed. Buoys may have been moved from their charted positions, damaged, sunk, extinguished or otherwise made inoperative. Mariners should not rely upon the position or operation of an aid to navigation. Wrecks and submerged obstructions may have been displaced from charted locations. Pipelines may have become uncovered or moved.
Mariners are urged to exercise extreme caution and are requested to report aids to navigation discrepancies and hazards to navigation to the nearest United States Coast Guard unit.

Houston Ship Channel, Carpenters Bayou to Houston
SOUNDINGS IN FEET - SCALE 1:10,000

11325



VHF Marine Radio channels for use on the waterways:

Channel 6 – Inter-ship safety communications.

Channel 9 – Communications between boats and ship-to-coast.

Channel 13 – Navigation purposes at bridges, locks, and harbors.

Channel 16 – Emergency, distress and safety calls to Coast Guard and others, and to initiate calls to other

vessels. Contact the other vessel, agree to another channel, and then switch.

Channel 22A – Calls between the Coast Guard and the public. Severe weather warnings, hazards to navigation and safety warnings are broadcast here.

Channels 68, 69, 71, 72 and 78A – Recreational boat channels.

Getting and Giving Help — Signal other boaters using visual distress signals (flares, orange flag, lights, arm signals); whistles; horns; and on your VHF radio. You are required by law to help boaters in trouble. Respond to distress signals, but do not endanger yourself.

Distress Call Procedures

- Make sure radio is on.
- Select Channel 16.
- Press/Hold the transmit button.
- Clearly say: "MAYDAY, MAYDAY, MAYDAY."
- Also give: Vessel Name and/or Description; Position and/or Location; Nature of Emergency; Number of People on Board.
- Release transmit button.
- Wait for 10 seconds — If no response Repeat MAYDAY call.

HAVE ALL PERSONS PUT ON LIFE JACKETS!



NOAA Weather Radio All Hazards (NWR) is a nationwide network of radio stations broadcasting continuous weather information directly from the nearest National Weather Service office. NWR broadcasts official Weather Service warnings, watches, forecasts and other hazard information 24 hours a day, 7 days a week.

<http://www.nws.noaa.gov/nwr/>

Quick References

Nautical chart related products and information	—	http://www.nauticalcharts.noaa.gov
Interactive chart catalog	—	http://www.charts.noaa.gov/InteractiveCatalog/nrnc.shtml
Report a chart discrepancy	—	http://ocsddata.ncd.noaa.gov/idrs/discrepancy.aspx
Chart and chart related inquiries and comments	—	http://ocsddata.ncd.noaa.gov/idrs/inquiry.aspx?frompage=ContactUs
Chart updates (LNM and NM corrections)	—	http://www.nauticalcharts.noaa.gov/mcd/updates/LNM_NM.html
Coast Pilot online	—	http://www.nauticalcharts.noaa.gov/nsd/cpdownload.htm
Tides and Currents	—	http://tidesandcurrents.noaa.gov
Marine Forecasts	—	http://www.nws.noaa.gov/om/marine/home.htm
National Data Buoy Center	—	http://www.ndbc.noaa.gov/
NowCoast web portal for coastal conditions	—	http://www.nowcoast.noaa.gov/
National Weather Service	—	http://www.weather.gov/
National Hurricane Center	—	http://www.nhc.noaa.gov/
Pacific Tsunami Warning Center	—	http://ptwc.weather.gov/
Contact Us	—	http://www.nauticalcharts.noaa.gov/staff/contact.htm



— For the latest news from Coast Survey, follow **@NOAAcharts**



This Booklet chart has been designed for duplex printing (printed on front and back of one sheet). If a duplex option is not available on your printer, you may print each sheet and arrange them back-to-back to allow for the proper layout when viewing.